

Town of Fort Frances - WTP - 220000978
 April 2015/2016 vs. April 2017
 Flow and Operating Data

Flow Data	APRIL	Units	2015		2016		2017	
			Day of the Month		Day of the Month		Day of the Month	
Total Raw Water	m ³		165700		150740		171180	
Raw Maximum Day	m ³	Friday 17th	6650	Sunday 17th	5360	Saturday 29th	6370	
Raw Minimum Day	m ³	Thursday 09th	5270	Saturday 30th	4930	Monday 03rd	5500	
Raw Average Daily Consumption	m ³		5710		5200		5900	
Total Treated Water	m ³		112830		106740		108330	
Treated Water Maximim Day Consumption	m ³	Sunday 12th	4260	Wednesday 06th	4330	Thursday 13th	5090	
Treated Water Minimim Day Consumption	m ³	Tuesday 21st	3390	Saturday 23rd	3080	Friday 28th	3220	
Treated Water Average Day Consumption	m ³		3760		3560		3610	
Daily Average Per Household Consumption Rate	m ³		0.99		0.94		0.95	
* Daily Average Per Person Consumption Rate	m ³		0.47		0.45		0.45	
Monthly Averages - Operating Parameters WTP:								
FAC Residual - Treated Water	mg/L		2.04		2.21		2.24	
Total Chlorine Residual - Treated Water	mg/L		2.32		2.59		2.62	
Aluminum Sulphate - Raw Water	mg/L		35.6		35.0		35.0	
Aluminum Sulphate - Treated Water Residual	mg/L		0.06		0.04		0.05	
Fluoride - Treated Water	mg/L		0.68		0.71		0.58	
Soda Ash - Raw Water	mg/L		37.3		35.0		35.0	
PH - Adjusted	mg/L		7.19		7.42		7.19	
Temperature	C		5.5		4.3		4.9	
Quantity of Chemical Used:								
Aluminum Sulphate	kg		6105.7		5458.3		6189.4	
Polyelectrolyte	kg		62.5		75.0		75.0	
Chlorine Gas	kg		639		645		710	
Soda Ash - Used for PH Adjustment	kg		6398.2		5458.3		6189.4	
Fluoride	kg		365		537		584	

- * The Canadian Average is 450 Litres (0.45 m³) per day.
- * Population is 7986
- * Number of Households is 3783